

Claims

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a 6. A device for performing the method according to ~~at least one~~ ^{claim 1} ~~of the claims 1 to 5~~, comprised of an extrusion head for forming a hose-shaped pre-form of a single-layer, compact plastic material and a spreading unit movable from below the pre-form (6) to be formed by a relative movement into the pre-form (6), ^{wherein} ~~characterized in that~~ a core (2) is arranged below the pre-form to be formed and can be introduced into the pre-form (6), and in that the core (2) has an at least two-part clamping element (8) correlated therewith which sealingly presses the pre-form (6) onto the core (2), and in that the core (2) can be loaded with a vacuum.

a 7. A device for performing the method according to ~~at least one~~ ^{claim 1} ~~of the claims 1 to 5~~, comprised of an extrusion head for forming a hose-shaped pre-form of a single-layer, compact plastic material and a spreading unit movable from below the pre-form (6) to be formed by a relative movement into the pre-form (6), ^{wherein} ~~characterized in that~~ a core (2) is arranged below the pre-form to be formed and can be introduced into the pre-form (6), and in that the core (2) has an at least two-part clamping element (8) correlated therewith which sealingly presses the pre-form (6) onto the core (2), and in that a hollow mold (10), loadable with vacuum or blowing air and surrounding the core (2) at a spacing, is correlated with the core.

a 8. The device according to ~~claim 6 or 7~~ ^{claim 6, wherein}, characterized in that the spreading unit is comprised of at least two spreading elements (3) that can be moved apart.

a 9. The device according to claim 8, ^{wherein} ~~characterized in that~~ the spreading elements (3) have different cross-sectional shapes.

10. The device according to ^{claim 8 wherein} ~~claim 8 or 9, characterized in that~~ the spreading elements (3) are formed of parts of the shaping body (2).

a 11. The device according to ^{claim 8} ~~at least one of the claims 8 to 10,~~
a ^{wherein} ~~characterized in that~~ the spreading elements (3) are configured to be radially movable.

a 12. The device according to ^{claim 8} ~~at least one of the claims 8 to 10,~~
a ^{wherein} ~~characterized in that~~ the spreading elements (3) are configured to be pivotable.

a 13. The device according to ^{claim 6, wherein} ~~claim 6 or 7, characterized in that~~ the spreading unit is formed by a spreadable or foldable core.